

FIGURE 1



2/14

**FIGURE 2**

Heat Extractable/Water Soluble Fraction of Huanglian Root



FIGURE 3

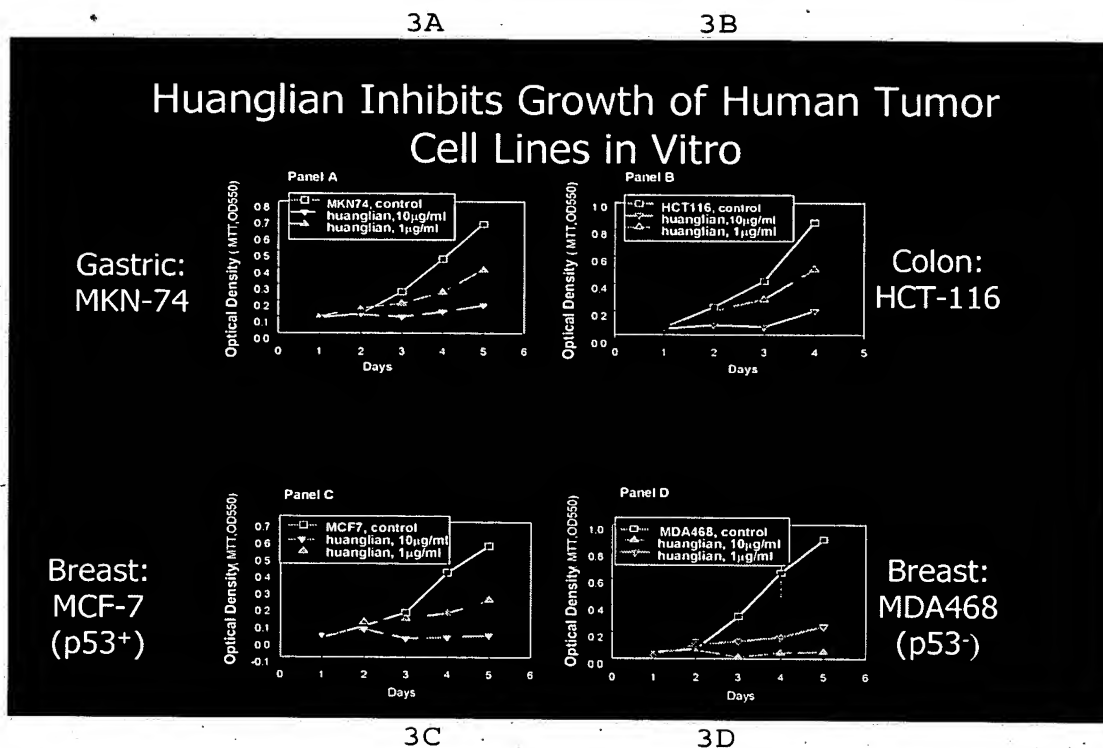
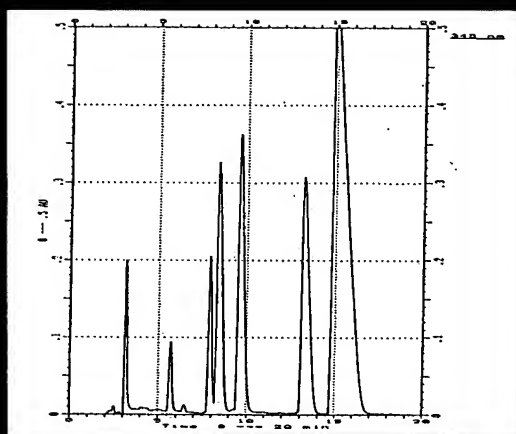


FIGURE 4

Huanglian: 7 Peaks by HPLC with Berberine (peak #7)  
Constituting 50% of the Water/Heat Extractable Product



↑  
Peak # 7

[illegible]

6/14

FIGURE 6

# Growth Inhibitory Effects of Huanglian and Berberine at Half the Huanglian Concentration Against MKN-74 Cells

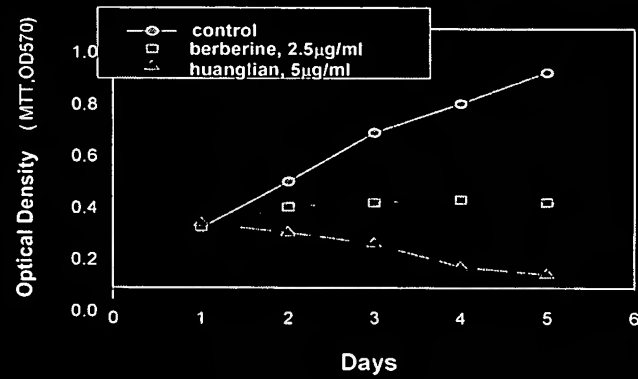


FIGURE 7

Huanglian Inhibits Cyclin B1 Protein Expression and Cyclin B1/cdc2 Kinase Activity in MKN-74 Gastric Cancer Cells: Time and Concentration Dependent

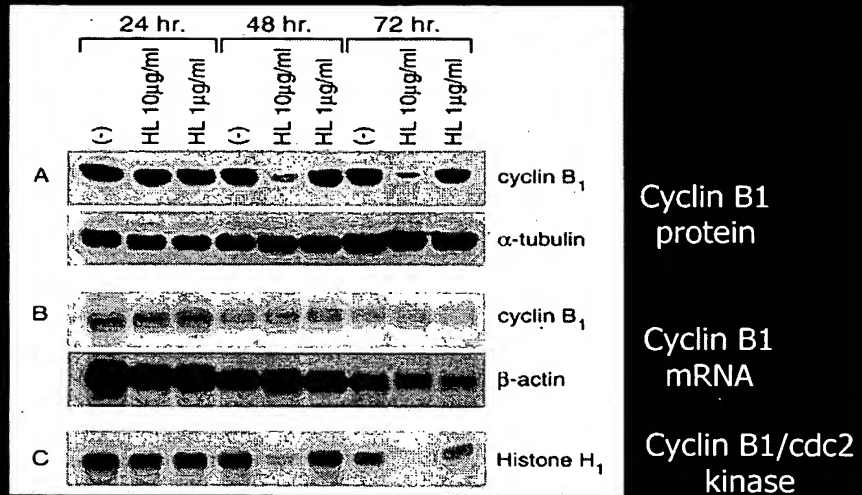


FIGURE 8

Huanglian Induces G2 Arrest in MKN-74  
Gastric Cancer Cells in Association with  
Inhibition of Cyclin B1/cdc2 Kinase Activity

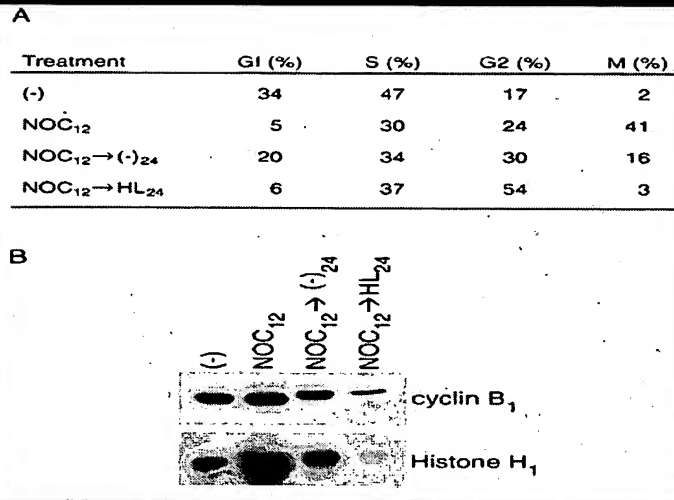
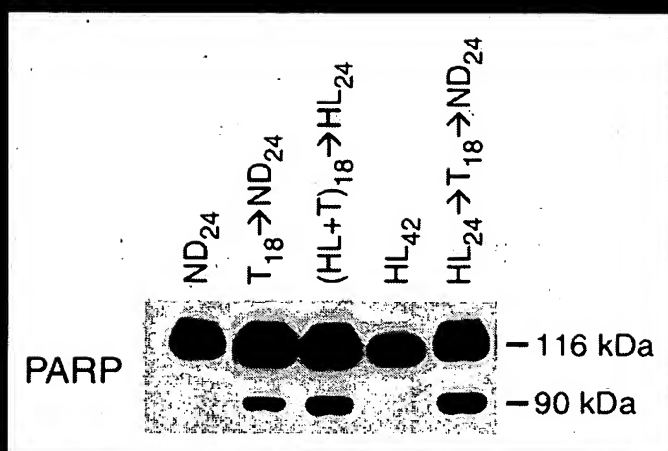




FIGURE 9

# Huang Lian Potentiates Taxol-Induced Apoptosis



## FIGURES 10

Effect of Huanglian Metabolites Formed by Human Liver S9 Microsomes on MKN-74 Gastric Cancer Cell Growth: First Pass Effect

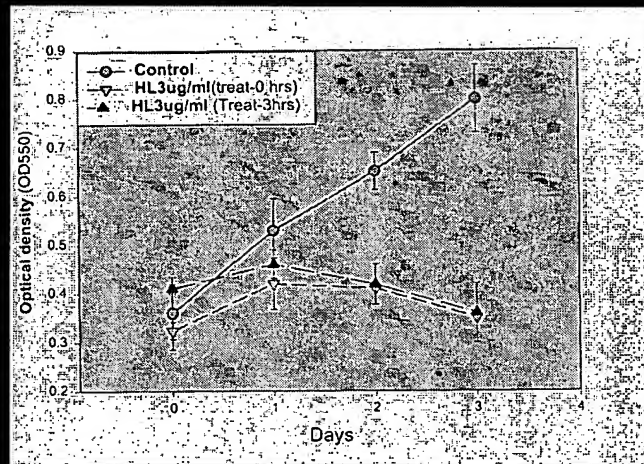


FIGURE 11

Identical Cytotoxicity of Huanglian Water/Heat Soluble Powder and Huanglian Capsules Against the Growth of MKN-74 Gastric Cancer Cells

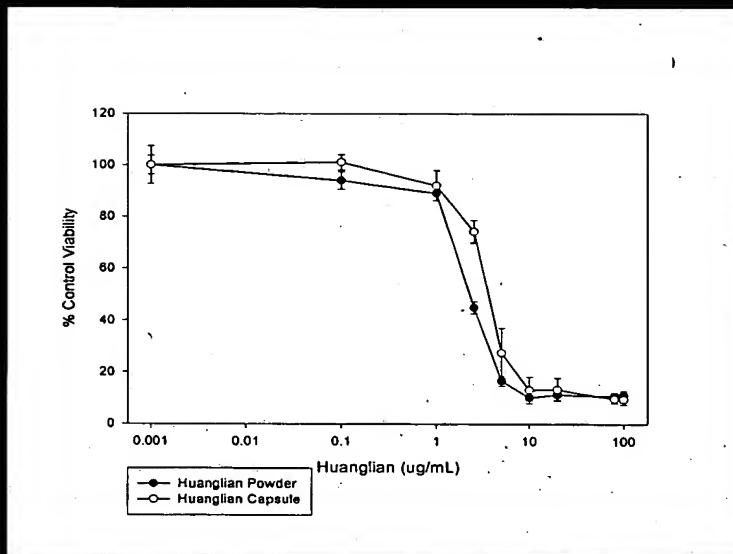


FIGURE 12

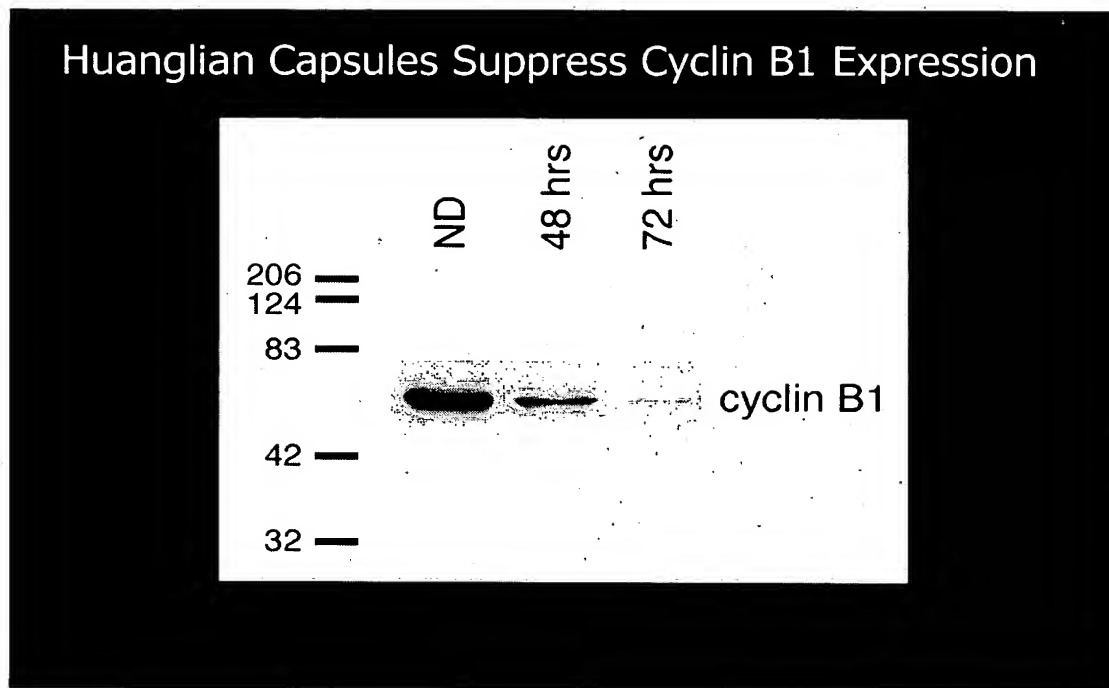


FIGURE 13

977984-HLTx ND Control

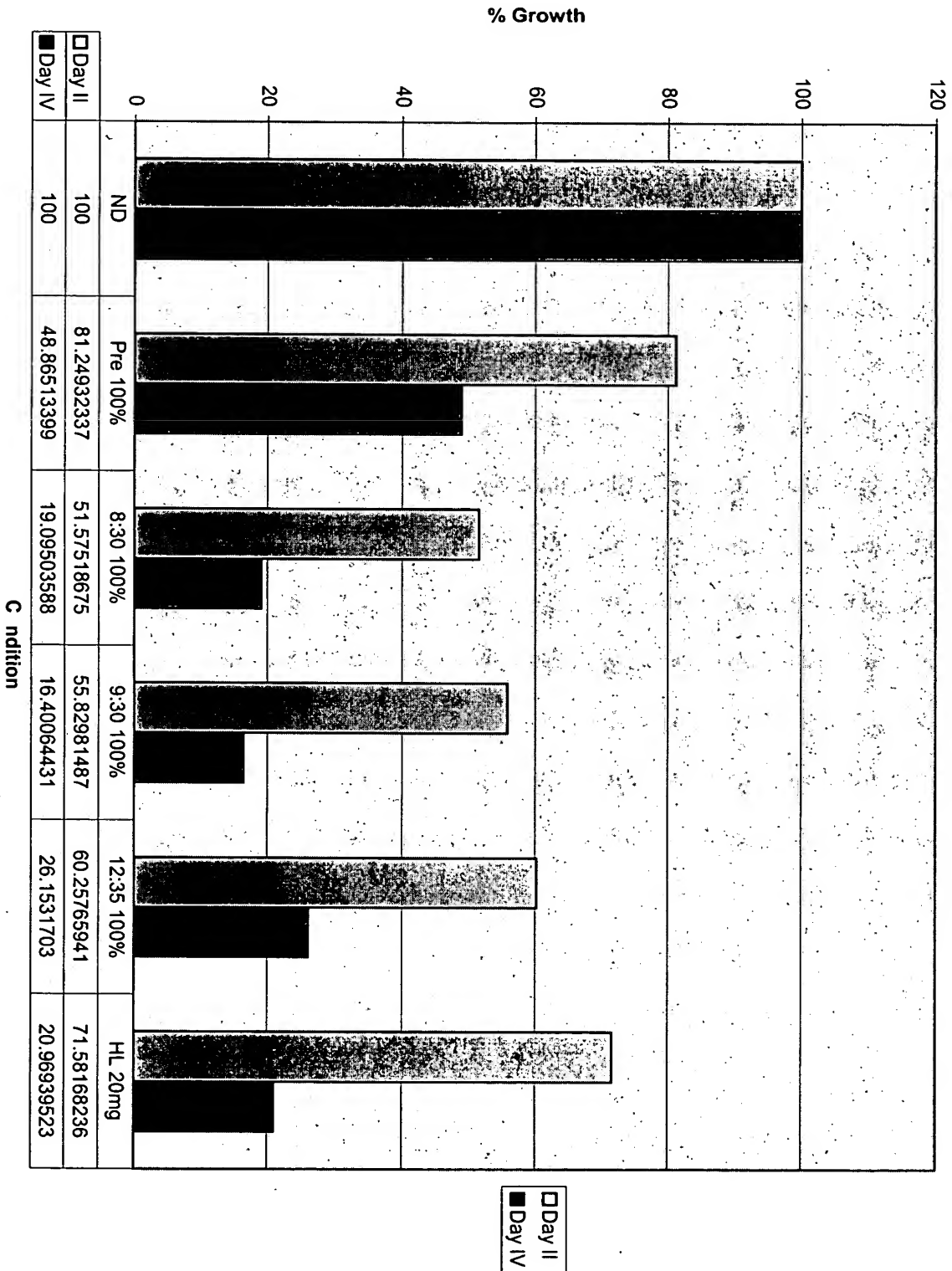
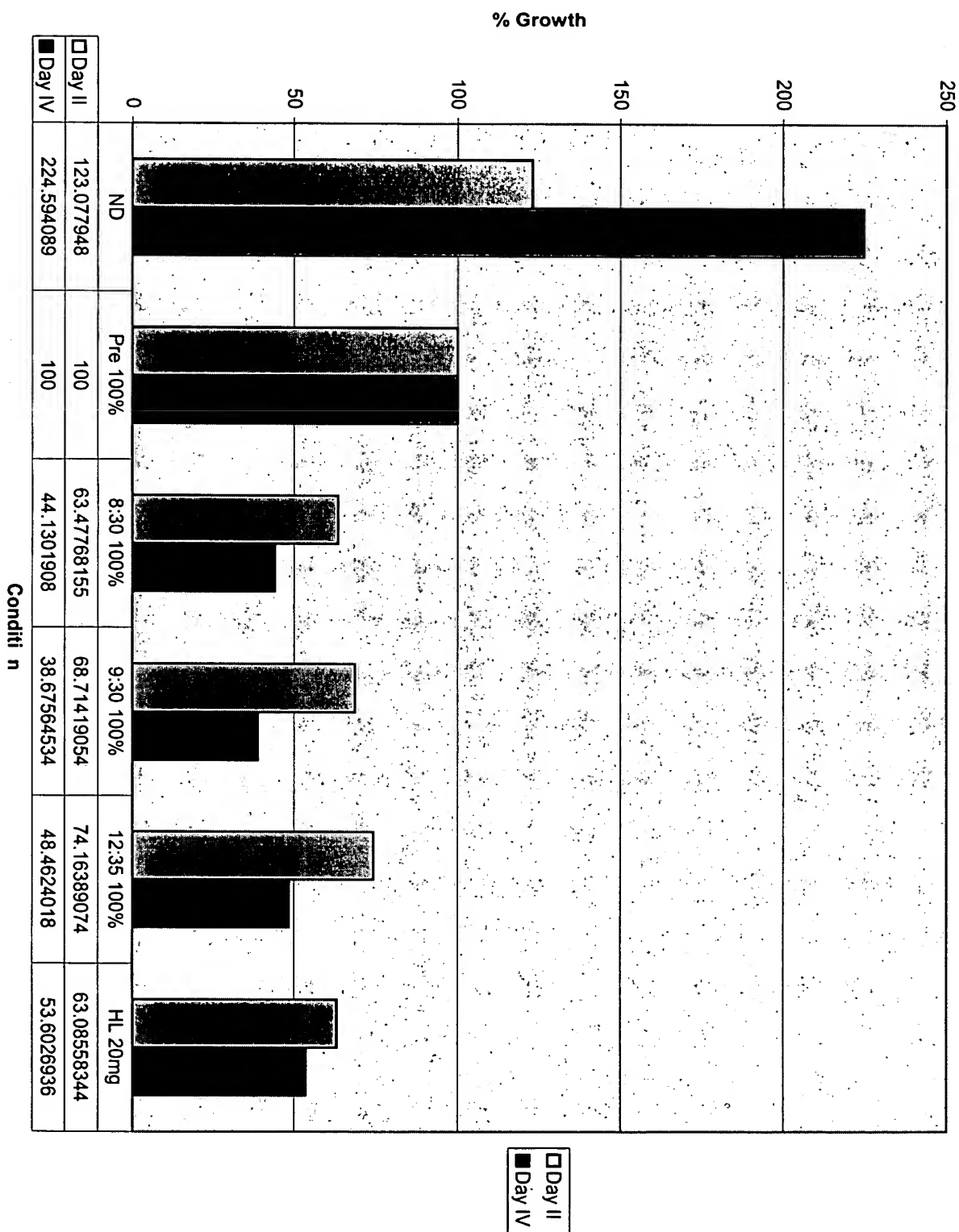


FIGURE 14



977984-HL-Tx